

Gregory, Bernarr

From: PLUS
Sent: Wednesday, September 01, 2004 8:25 AM
To: Gregory, Bernarr
Subject: PLUS Results for 10644311

Here are the PLUS search results for 10644311.

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to PLUS@uspto.gov.



10644311_QUAL.txt



10644311_LIST.txt



10644311_WEST.txt



10644311_EAST.txt



10644311.east



10644311_CLS.txt



10644311_CLSTITLES.txt



10644311_WDS.txt

10644311_QUAL

6297771 68
6496145 68
6577271 68
6304216 65
6636178 65
4426712 62
4807256 62
4968981 62
5185761 62
5663734 62
5781156 62
5841396 62
5874914 62
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5943363 62
6064336 62
6104340 62
6133871 62
6133873 62
6133874 62
6272430 62
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6466958 62
6542821 62
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6662107 62
6714158 62
6725159 62
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5629708 57
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6016119 57
5847678 57
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6028883 57
5271034 57
5600670 57

10644311_QUAL

5854815 57
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6118808 57
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6282231 57
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RE37408 57
6317078 57
6345068 57

10644311_QUAL

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6778135 54

10644311_QUAL

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10644311_QUAL

6184822 52
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4932036 52
4965808 52
5222099 52

10644311_LIST

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PLUS Search Results for S/N 10644311, Searched August 31, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

6297771	6023489	6400753	6459405
6496145	6118808	6407699	6570529
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10644311_LIST

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10644311_EAST

6184822
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5222099) .pn.

10644311_CLS

Most Frequently Occurring Classifications of Patents Returned
From A Search of 10644311 on August 31, 2004

Original Classifications

35	342/357.12
28	375/150
10	701/213
8	342/357.06
8	375/149
6	342/357.02
6	375/343
5	342/357.09
5	342/357.1
5	342/357.15
5	342/378
5	375/148
4	342/357.01
4	342/357.05
4	375/130
4	375/147
4	375/346
3	342/352
3	342/418
3	375/142
3	701/207
2	342/357.04
2	342/357.08
2	342/357.11
2	370/335
2	375/134

Cross-Reference Classifications

34	342/357.12
34	701/213
26	375/150
19	342/357.06
18	342/352
14	701/214
10	375/149
10	375/367
8	375/130
7	342/357.1
7	342/357.15
7	375/140
7	375/142
6	342/357.05
6	342/457

10644311_CLS

6 375/343
5 342/357.02
5 342/357.09
5 342/357.13
5 375/148
5 375/346
5 701/215
4 342/357.01
4 342/358
4 342/378
4 370/320
4 375/137
4 375/147
4 455/12.1
3 342/356
3 342/418
3 370/335
3 370/342
3 375/134
3 375/152
3 380/258
3 380/34
3 380/46
2 342/194
2 342/357.03
2 342/357.07
2 342/419
2 370/252
2 370/479
2 370/503
2 375/136
2 375/344
2 375/355
2 380/255
2 455/65

Combined Classifications

69 342/357.12
54 375/150
44 701/213
27 342/357.06
21 342/352
18 375/149
14 701/214
12 342/357.1
12 342/357.15
12 375/130
12 375/343

10644311_CLS

11 342/357.02
10 342/357.05
10 342/357.09
10 375/142
10 375/148
10 375/367
9 342/378
9 375/346
8 342/357.01
8 375/147
7 375/140
6 342/418
6 342/457
5 342/357.13
5 370/335
5 375/134
5 455/12.1
5 701/215
4 342/356
4 342/358
4 370/320
4 375/137
4 380/34
4 701/207
3 342/357.03
3 342/357.04
3 342/357.08
3 342/357.11
3 370/252
3 370/342
3 370/479
3 375/136
3 375/152
3 375/344
3 380/258
3 380/46
2 342/194
2 342/357.07
2 342/419
2 370/503
2 375/143
2 375/355
2 380/255
2 455/65
2 708/422
2 708/5

10644311_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 10644311 on August 31, 2004

69 342/357.12 (35 OR, 34 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/350 DIRECTIVE
342/352 .Including a satellite
342/357.01 ..With position indicating
342/357.06 ...Using Global Positioning Satellite (GPS or
Glonass)
342/357.12GPS receiver signal processing

54 375/150 (28 OR, 26 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/130 SPREAD SPECTRUM
375/140 .Direct sequence
375/147 ..Receiver
375/150 ...Correlation-type receiver

44 701/213 (10 OR, 34 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
RELATIVE LOCATION
701/200 NAVIGATION
701/207 .Employing position determining equipment
701/213 ..Using Global Positioning System (GPS)

27 342/357.06 (8 OR, 19 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/350 DIRECTIVE
342/352 .Including a satellite
342/357.01 ..With position indicating
342/357.06 ...Using Global Positioning Satellite (GPS or
Glonass)

21 342/352 (3 OR, 18 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/350 DIRECTIVE
342/352 .Including a satellite

18 375/149 (8 OR, 10 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/130 SPREAD SPECTRUM
375/140 .Direct sequence

10644311_CLSTITLES

375/147 . . . Receiver

375/149 . . . Having specific code synchronization

14 701/214 (0 OR, 14 XR)

Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION

701/200 NAVIGATION

701/207 .Employing position determining equipment

701/213 ..Using Global Positioning System (GPS)

701/214 ...Means to improve accuracy of position or
 location

12 342/357.1 (5 OR, 7 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES

342/350 DIRECTIVE

342/352 .Including a satellite

342/357.01 ..With position indicating

342/357.06 ...Using Global Positioning Satellite (GPS or
 Glonass)

342/357.1 Combined with telecommunication

12 342/357.15 (5 OR, 7 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES

342/350 DIRECTIVE

342/352 .Including a satellite

342/357.01 ..With position indicating

342/357.06 ...Using Global Positioning Satellite (GPS or
 Glonass)

342/357.15 Satellite selection (i.e., tracking or
 acquisition)

12 375/130 (4 OR, 8 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/130 SPREAD SPECTRUM

12 375/343 (6 OR, 6 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/316 RECEIVERS

375/340 .Particular pulse demodulator or detector

375/343 ..Correlative or matched filter

11 342/357.02 (6 OR, 5 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES

342/350 DIRECTIVE

342/352 .Including a satellite

10644311_CLSTITLES

342/357.01 ..With position indicating
342/357.02 ...With accuracy enhancing

10 342/357.05 (4 OR, 6 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/350 DIRECTIVE
342/352 .Including a satellite
342/357.01 ..With position indicating
342/357.05 ...Using Doppler frequency shift

10 342/357.09 (5 OR, 5 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/350 DIRECTIVE
342/352 .Including a satellite
342/357.01 ..With position indicating
342/357.06 ...Using Global Positioning Satellite (GPS or
Glonass)
342/357.09With transmission of location-indicative
information to or from a remote station

10 375/142 (3 OR, 7 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/130 SPREAD SPECTRUM
375/140 .Direct sequence
375/141 ..End-to-end transmission system
375/142 ...Having correlation-type receiver

10 375/148 (5 OR, 5 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/130 SPREAD SPECTRUM
375/140 .Direct sequence
375/147 ..Receiver
375/148 ...Multi-receiver or interference cancellation

10 375/367 (0 OR, 10 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/354 SYNCHRONIZERS
375/362 .Frequency or phase control using synchronizing
9
signal
375/365 ..Synchronization word
375/367 ...Pseudo noise

9 342/378 (5 OR, 4 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS

10644311_CLSTITLES
AND DEVICES

342/350 DIRECTIVE
342/378 .Utilizing correlation techniques

9 375/346 (4 OR, 5 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/316 RECEIVERS
375/346 .Interference or noise reduction

8 342/357.01 (4 OR, 4 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/350 DIRECTIVE
342/352 .Including a satellite
342/357.01 ..With position indicating

8 375/147 (4 OR, 4 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/130 SPREAD SPECTRUM
375/140 .Direct sequence
375/147 ..Receiver

7 375/140 (0 OR, 7 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/130 SPREAD SPECTRUM
375/140 .Direct sequence

6 342/418 (3 OR, 3 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/350 DIRECTIVE
342/385 .Beacon or receiver
342/417 ..Direction-finding receiver only
342/418 ...Doppler

6 342/457 (0 OR, 6 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/350 DIRECTIVE
342/450 .Position indicating (e.g., triangulation)
342/457 ..Land vehicle location (e.g., bus, police car)

5 342/357.13 (0 OR, 5 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/350 DIRECTIVE
342/352 .Including a satellite

10644311_CLSTITLES
342/357.01 ..With position indicating
342/357.06 ...Using Global Positioning Satellite (GPS or
 Glonass)
342/357.13With storage device (i.e., map or database)

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5 370/335 (2 OR, 3 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/310 COMMUNICATION OVER FREE SPACE
370/328 .Having a plurality of contiguous regions
 served by respective fixed stations
370/329 ..Channel assignment
370/335 ...Combining or distributing information via
 code word channels using multiple access te
chniques (e.g.,
 CDMA)

5 375/134 (2 OR, 3 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/130 SPREAD SPECTRUM
375/132 .Frequency hopping
375/133 ..End-to-end transmission system
375/134 ...Having specific code acquisition or trackin
g

5 455/12.1 (1 OR, 4 XR)
Class 455 : TELECOMMUNICATIONS
455/7 CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E.,
 RETRANSMISSION OF SAME INFORMATION)
455/11.1 .Portable or mobile repeater
455/12.1 ..Space satellite

5 701/215 (0 OR, 5 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
701/200 NAVIGATION
701/207 .Employing position determining equipment
701/213 ..Using Global Positioning System (GPS)
701/214 ...Means to improve accuracy of position or
 location
701/215Having multiple GPS antennas or receivers
 (e.g., differential GPS)

4 342/356 (1 OR, 3 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES

10644311_CLSTITLES

342/350 DIRECTIVE

342/352 . Including a satellite

342/356 .. Synchronous satellite

4 342/358 (0 OR, 4 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES

342/350 DIRECTIVE

342/352 . Including a satellite

342/358 .. With satellite signal correction

4 370/320 (0 OR, 4 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/310 COMMUNICATION OVER FREE SPACE

370/315 . Repeater

370/316 .. Airborne or space satellite repeater

370/319 ... Multiple access (e.g., FDMA)

370/320 Code division (CDMA)

4 375/137 (0 OR, 4 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/130 SPREAD SPECTRUM

375/132 . Frequency hopping

375/136 .. Receiver

375/137 ... Having specific code acquisition or tracking

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4 380/34 (1 OR, 3 XR)

Class 380 : CRYPTOGRAPHY

380/255 COMMUNICATION SYSTEM USING CRYPTOGRAPHY

380/270 . Wireless communication

380/33 .. Using plural paths or channels

380/34 ... Plural carrier frequencies

4 701/207 (3 OR, 1 XR)

Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION

701/200 NAVIGATION

701/207 . Employing position determining equipment

3 342/357.03 (1 OR, 2 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES

342/350 DIRECTIVE

342/352 . Including a satellite

342/357.01 .. With position indicating

342/357.02 ... With accuracy enhancing

10644311 CLSTITLES

342/357.03Using differential correction

3 342/357.04 (2 OR, 1 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/350 DIRECTIVE

342/352 .Including a satellite

342/357.01 ..With position indicating

342/357.02 ...With accuracy enhancing

342/357.04With ambiguity resolving

3 342/357.08 (2 OR, 1 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/350 DIRECTIVE

342/352 .Including a satellite

342/357.01 ..With position indicating

342/357.06 ...Using Global Positioning Satellite (GPS or
Glonass)

342/357.08Determining relative position (e.g.,
distance or direction)

3 342/357.11 (2 OR, 1 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/350 DIRECTIVE

342/352 .Including a satellite

342/357.01 ..With position indicating

342/357.06 ...Using Global Positioning Satellite (GPS or
Glonass)

342/357.11Attitude determination

3 370/252 (1 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/241 DIAGNOSTIC TESTING (OTHER THAN SYNCHRONIZATION

)

370/252 .Determination of communication parameters

3 370/342 (0 OR, 3 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/310 COMMUNICATION OVER FREE SPACE

370/342 .Combining or distributing information via cod

e

word channels using multiple access techniq

ues (e.g., CDMA)

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3 370/479 (1 OR, 2 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/473 ..Transmission of a single message having
multiple packets
370/479 .Combining or distributing information via cod
e
word channels

3 375/136 (1 OR, 2 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/130 SPREAD SPECTRUM
375/132 .Frequency hopping
375/136 ..Receiver

3 375/152 (0 OR, 3 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/130 SPREAD SPECTRUM
375/140 .Direct sequence
375/147 ..Receiver
375/152 ...Matched-filter-type receiver

3 375/344 (1 OR, 2 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/316 RECEIVERS
375/344 .Automatic frequency control

3 380/258 (0 OR, 3 XR)
Class 380 : CRYPTOGRAPHY
380/255 COMMUNICATION SYSTEM USING CRYPTOGRAPHY
380/258 .Position dependent or authenticating

3 380/46 (0 OR, 3 XR)
Class 380 : CRYPTOGRAPHY
380/277 KEY MANAGEMENT
380/44 .Having particular key generator
380/46 ..Nonlinear (e.g., pseudorandom)

2 342/194 (0 OR, 2 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/175 WITH PARTICULAR CIRCUIT
342/194 .Complex signal (in phase and quadrature)

2 342/357.07 (0 OR, 2 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/350 DIRECTIVE
342/352 .Including a satellite

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342/357.01 ..With position indicating

342/357.06 ...Using Global Positioning Satellite (GPS or
Glonass)

342/357.07Tracking or monitoring (i.e., lost or
stolen vehicles)

2 342/419 (0 OR, 2 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/350 DIRECTIVE

342/385 .Beacon or receiver

342/417 ..Direction-finding receiver only

342/419 ...Portable

2 370/503 (0 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/473 ..Transmission of a single message having
multiple packets

370/498 .Combining or distributing information via tim
e
channels

370/503 ..Synchronizing

2 375/143 (1 OR, 1 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/130 SPREAD SPECTRUM

375/140 .Direct sequence

375/141 ..End-to-end transmission system

375/143 ...Having matched-filter-type receiver

2 375/355 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/354 SYNCHRONIZERS

375/355 .Synchronizing the sampling time of digital
data

2 380/255 (0 OR, 2 XR)

Class 380 : CRYPTOGRAPHY

380/255 COMMUNICATION SYSTEM USING CRYPTOGRAPHY

2 455/65 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/63.1 .Distortion, noise, or other interference
prevention, reduction, or compensation

455/65 ..Anti-multipath

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2 708/422 (1 OR, 1 XR)
Class 708 : ELECTRICAL COMPUTERS: ARITHMETIC PROCESSING
AND CALCULATING
708/100 ELECTRICAL DIGITAL CALCULATING COMPUTER
708/200 .Particular function performed
708/422 ..Correlation

2 708/5 (1 OR, 1 XR)
Class 708 : ELECTRICAL COMPUTERS: ARITHMETIC PROCESSING
AND CALCULATING
708/1 ELECTRICAL HYBRID CALCULATING COMPUTER
708/3 .Particular function performed
708/5 ..Correlation, convolution, or transformation

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able 1
abo 1
above 1
abstmct 1
accarately 1
accllmulates 1
accordanc 1
accordance 12
accordanct 1
according 3
accounted 2
accurately 1
achieve 1
achieved 3
acp 1
actual 2
added 1
additional 1
af 1
aints 1
al 2
algorithm 1
allows 1
along 7
also 3
alters 1
an 18
analyses 1
analysis 6
analyzing 1
and 58
another 2
ansmissions 1
aparticular 1
applicatiohs 1
application 5
applications 3
approximately 2
ar 1
arbi 1
arbitrary 1
are 25
arin 1
arotmd 1
array 9
arrays 12
art 3
ary 1

as 8
assiree 1
assuming 1
at 18
ates 2
atis 1
attempts 1
attomey 1
avoid 1
away 3
background 2
base 1
baseband 2
be 13
because 3
been 2
before 2
begin 1
beginning 2
begirming 1
between 8
beyond 1
block 2
bmse 1
both 2
briefdescription 1
broadly 1
by 20
can 4
capability 1
capttlre 1
capture 2
captured 1
carrier 1
case 2
caused 1
ceases 1
ceived 1
certain 1
ch 1
chip 1
chips 3
circuitry 9
circuitzy 1
circularly 1
civil 1
claim 1
code 39

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codes 2
coherent 1
collection 1
column 1
combin 1
combinations 2
combine 4
combined 9
combining 2
command 1
commands 1
common 1
compdses 1
compiises 1
comprises 3
computer 1
cfgured 1
configu 1
cons 1
consequently 2
consistent 1
constraints 1
continuation 1
continues 2
converts 1
copending 1
corpsponding 1
correct 1
corrected 1
correction 1
corrects 1
correl 1
correlates 1
correlati 1
correlating 3
correlation 30
correspond 1
corresponding 5
corresponds 5
cp 1
crystal 1
cumulative 7
data 19
dedved 1
defined 1
defme 1
defned 3
delay 3

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demodulates 1
depee 2
derived 1
derives 1
descdbed 1
description 1
desned 1
detect 1
detected 1
detection 2
detector 13
detects 2
detem 1
detennined 1
detennines 1
determine 3
determined 5
determines 3
determining 1
detmled 1
diapam 2
diapnm 1
diff 1
difference 5
different 5
differing 1
difficult 1
directs 2
disadvantages 2
disclosure 1
disjoint 1
disjowg 1
distance 5
distind 1
dkt 1
dmwings 1
docket 12
doppler 16
ds 1
dudng 1
during 1
each 18
earth 2
ed 1
ee 1
effect 1
effective 1
effort 1

either 1
element 1
embodiment 21
embodiments 1
employing 1
enl 1
entirely 1
entitled 3
entry 2
ents 1
environment 1
eoloying 1
eoloywg 1
equal 2
equation 5
equency 1
er 1
ere 1
error 2
es 1
essor 1
even 2
every 1
example 7
exnmple 1
expedence 1
expedences 1
experience 2
extemal 2
extend 1
extension 1
fame 1
feasible 1
feld 1
fhe 1
field 1
figizre 1
figtzre 1
figure 11
figures 3
filed 3
filtek 1
filter 6
finite 2
first 5
flowchart 1
flows 1
flrst 1

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flter 2
fn 1
following 1
follows 1
for 40
forego 1
foregoing 4
forgo 1
forth 1
fps 2
fractional 1
frame 4
frequency 1
from 11
full 1
fully 1
functions 1
fzom 1
gactions 1
game 1
generated 3
generates 2
generator 2
gequency 3
gequent 1
given 2
global 1
gom 6
gps 38
has 3
have 2
having 2
he 4
hence 1
hereby 1
herein 3
hereof 1
herewith 1
high 1
hmotheses 1
hypotheses 7
hypothesis 8
ication 1
icular 1
ieve 1
if 3
ift 1
ia 1

iic 1
ij 1
ijnvorm 1
ikhr 1
illus 1
illust 1
illustrate 1
illustrated 3
illustrates 7
illustrating 1
implementation 9
imposed 1
improve 1
in 49
incomorated 1
incoporated 1
increase 1
indefinitely 1
information 2
initialized 1
input 1
inputs 1
integrated 1
intemally 1
intepated 1
interest 1
interference 2
intersection 1
into 1
invent 1
invention 14
is 72
issued 1
it 8
itj 1
its 3
ixhr 1
kansmission 2
kansmissions 2
kansmitling 1
kc 1
khr 2
kl 2
klll 1
kllr 1
klm 1
larger 1
latter 1

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lcnown 1
lcnows 1
lcp 1
least 4
length 1
lengths 2
level 2
lf 1
limit 1
limited 1
limits 1
line 1
lk 1
llites 1
llniform 1
ln 7
lnknown 1
local 2
locally 1
located 1
location 2
locks 1
los 7
lter 1
lyon 2
lz 2
maintained 2
manner 1
maown 1
march 1
mark 4
marks 1
matched 10
maximizes 1
may 5
measlzrement 1
measmement 1
meastlrement 1
measure 1
measurement 1
media 1
method 6
methods 1
mhz 1
mile 1
miles 1
millisecond 1
mixture 1

ml 2
mobile 2
modulated 1
modulo 2
more 1
moreover 1
movement 2
moving 5
ms 3
multiple 2
multiplying 1
must 3
ne 1
need 2
negative 3
nen 1
nes 1
new 2
next 1
ng 1
no 15
noise 8
nominal 1
non 6
nos 2
not 3
number 1
obtain 1
obtained 3
occtlrs 1
occurrence 1
occurrences 1
occurs 1
of 151
offset 8
offsets 2
oi 1
om 5
on 4
one 18
onto 1
operation 11
or 2
orbit 1
orbiting 1
orbits 1
os 2
oscillator 1

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osi 1
osl 1
osz 1
other 2
out 1
output 1
outputs 1
over 4
overcomes 2
overlapping 1
owned 1
page 11
part 3
particular 8
patent 2
pdor 1
peak 1
peater 1
pedods 1
perceived 1
perfbrming 1
performs 1
period 5
periodic 1
periods 3
permit 1
ph 2
phase 18
phases 2
phone 4
pllzrality 1
plmality 1
plurality 3
pm 1
pmicular 1
pn 17
points 1
portion 1
positioning 1
positive 2
possibly 1
poupings 1
practical 1
precise 4
preferred 1
presence 4
prior 2
priority 1

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pro 1
problem 1
process 5
processes 1
processing 3
processor 5
produced 1
provided 5
provides 1
pseudo 1
purpose 2
qkdoppler 1
radio 2
radius 1
range 4
ranges 1
rate 2
ratio 6
readable 1
receive 1
received 11
receiver 47
receivers 1
receives 1
receivtr 1
reference 2
reflected 1
related 3
relates 1
relation 1
relative 2
rence 1
repeated 2
represented 1
required 1
respectively 1
responsive 3
result 1
resulting 1
results 5
rf 2
rhe 2
rkl 1
rouped 1
row 8
rows 2
rrelation 1
same 1

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sample 2
samples 10
sampling 11
sat 1
satellite 42
satellites 8
se 1
second 9
sedal 1
segngts 1
segment 4
segments 4
segmentsy 1
sement 1
sends 1
senent 1
senents 1
separate 1
separated 1
sepncnt 12
sepncnts 7
september 1
sepucts 1
sequence 1
ser 1
serent 1
serents 2
serial 1
set 2
shiaed 3
shifk 1
shift 6
shifted 2
shih 1
shir 4
should 1
shown 1
shows 1
si 1
sight 1
signal 11
signifcantly 1
siift 1
similarly 2
sinal 1
since 2
sion 1
sipzal 2

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siral 21
sirals 2
situation 1
size 1
sl 1
slaih 1
slli 1
sllih 1
sllir 1
slter 1
sltih 2
smchronization 1
snmples 5
snmppling 2
snr 1
so 1
span 1
spe 1
specific 1
specifically 1
spectrum 1
sphere 2
spheres 1
spread 1
srst 1
start 2
strucmres 1
subject 14
subsequent 1
successively 1
such 4
sufficiently 1
sufficient 2
summmw 1
surface 1
system 1
taken 1
tansmission 1
tansmittinj 1
taveled 1
tcsign 1
terms 1
tested 1
th 1
than 1
that 12
the 300
then 5

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there 4
thereto 1
these 1
this 13
those 1
though 1
three 2
threshold 1
throug 1
through 2
thus 1
time 15
times 2
timing 8
tion 1
tj 1
tkeshold 1
tllis 1
tltis 1
tlu 1
tmically 1
tmique 1
to 68
total 1
towards 2
transmi 1
transmission 7
transmissionj 1
transmits 2
transmitter 2
tranxzrlissions 1
travels 2
ttsiunal 1
unacceptable 1
uniform 2
until 4
use 1
used 3
uses 1
using 2
usually 1
ut 1
utility 1
va 1
value 3
values 1
variable 1
various 2

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vatched 1
vc 1
velocity 4
velocityv 1
versions 2
visible 1
wavelength 2
weak 2
wention 2
when 3
where 1
wherein 2
which 26
wilich 1
will 3
window 4
windows 1
wireless 2
with 26
within 2
wl 1
would 1
wtegmton 1